

REMARKS

After entry of this amendment, claims 235-265 are canceled without prejudice and new claims 266-280 are added. These claims correspond to restriction group II of the Restriction/Election Requirement dated February 20, 2009.

The new claims find support in the specification and originally filed claims. Below is a table identifying support in the specification and originally filed claims for the new claims.

New claim number	Support in specification and originally filed claims may be found in U.S. Publication US 2008-0289066 A1
266	Previously presented claims 255, 263-264 describe recovering starch from maize seed using cellulases amongst other enzymes. Support may also be found in the specification in Example 49 “Enhanced starch recovery from corn seed using enzymes” wherein a transgenic maize seed expressing a cellulase is steeped and starch is recovered
267	Example 49 paragraph 0464 describes a range from 0ppm to 2000ppm Sulfur dioxide
268	Example 49 paragraph 0464 describes steeping seed at about 37°C to about 50°C.
269	Example 49 paragraph 0464 describes soaking the seed overnight. Also paragraph 0005 of the specification describes that seed are steeped from 24 to 48 hours in a conventional wet milling process.
270	Throughout Example 49 and Table 16 describe the use of an endoglucanase in said method of recovering starch yield from maize seed. Support may also be found in previously presented claims 255, 263-264. Also paragraphs 0026-0028 describe endoglucanases expressed in plants.

271	Previously presented claims 255, 263-264; Specification, Example 49 under “Analysis of T1 and T2 seed from maize plants expressing 6GP1 endoglucanase in cracked corn assay” throughout. Also support may be found in paragraphs 0026-0028 of the specification.
272	Previously presented claims 255, 263-264 describe the use of a cellobiohydrolase in recovering starch; Example 49 also describes a cellobiohydrolase used in the method as claimed. Additional support may be found in paragraph 0028 of the specification and throughout
273	Previously presented claims 255, 263-264 describe the use of a protease in recovering starch. Example 49 page 138 first paragraph under “Analysis of T1 and T2 seed from maize plants expressing 6GP1 endoglucanase in cracked corn assay”. Also paragraph 0028 of the specification
274	Previously presented claims 255, 263-264; Specification, Example 49 under “Analysis of T1 and T2 seed from maize plants expressing 6GP1 endoglucanase in cracked corn assay”
275	Previously presented claims 255, 263-264; Specification, Example 49 “Analysis of T1 and T2 seed from maize plants expressing 6GP1 endoglucanase in cracked corn assay”. Also paragraph 0028 of the specification
276	Specification for variety of signal sequences may be found in paragraphs 0018 and 0113
277	Example 49 describes and shows data for this combination of enzymes
278	Example 49 describes a method where a cellobiohydrolase is added exogenously. Also paragraphs 0091 and 0185 describe the use of exogenously added enzymes.

279	Example 49 describes a method where a protease is added exogenously. Also paragraphs 0091 and 0185 describe the use of exogenously added enzymes.
280	Specification, Example 49 and specifically Table 18 describes a method of reducing Sulfur dioxide. The wet milling process and possible benefits of reducing Sulfur dioxide are mentioned throughout the specification for example paragraph 0005

Respectfully submitted by,



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